

## INTERNATIONAL SEARCH REPORT

International Application No. 10/530921

PCT 03/02393

Rec'd PCT/PTO 08 APR 2005

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04M3/24 H04M15/00 G06F1/14 G04C11/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04M G06F G04C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 199 12 414 A (DEUTSCHE TELEKOM AG) 21 September 2000 (2000-09-21) cited in the application abstract page 3, column 22 -column 41 column 5, line 13-65 column 6, line 22-33 column 6, line 61 -column 7, line 5 column 7, line 40 - line 66 --- -/--	1-13

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

13 October 2003

Date of mailing of the international search report

27/10/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	B. STÜHN: "Einführung in die Physik I; WS2001/2002; Stichwortsammlung" SKRIPT: EINFÜHRUNG IN DIE PHYSIK I, 'Online! - 2001 pages 1-8, XP002257410 TU Ilmenau Retrieved from the Internet: <URL:http://www.physik.tu-ilmenau.de/techn 2/PhysikIscrip.pdf> 'retrieved on 2003-10-10! paragraph '0004!	1-13
Y	DE 42 13 883 A (GUDE MICHAEL DR) 4 November 1993 (1993-11-04) the whole document	4,13
A	US 5 729 588 A (CHIN YI ET AL) 17 March 1998 (1998-03-17) abstract column 1, line 6-43 column 2, line 24-46	1,10

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Information on patent family members

International Application No

PC 03/02393

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 19912414	A	21-09-2000	DE 19912414 A1	21-09-2000
			CA 2367554 A1	28-09-2000
			WO 0057618 A2	28-09-2000
			EP 1221245 A2	10-07-2002
DE 4213883	A	04-11-1993	DE 4213883 A1	04-11-1993
US 5729588	A	17-03-1998	NONE	

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